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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re **PATENT** application of:

Applicant: Gao et al.  
Serial No.: 10/706,117  
For: WAVEGUIDE CROSSING  
Filing Date: November 12, 2003  
Examiner: Sung H. Pak  
Art Unit: 2874

**REPLY TO THE OFFICE ACTION DATED APRIL 5, 2005**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Favorable reconsideration of the above-identified application is respectfully requested in view of the following remarks.